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BULLETIN NO. 10.

OF THE

WEST VIRGINIA

Agricultural Experiment Station.

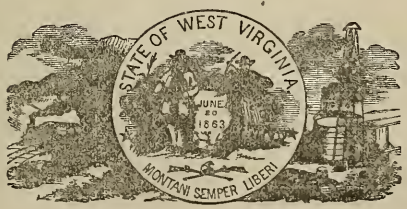
AUGUST, 1890.

I. Meteorological Report for August.

II. Reports of Correspondents upon Meteorology and Crops for August.

By John A. Myers, *Director.*

The Director does not hold himself responsible for the opinions of Correspondents.



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SUSIE V. MAYERS, - - Stenographer and Book-keeper.

REPORT OF W. C. KISEN—FRANKLIN, PENDLETON CO., W. VA.

For Month of August, 1890.

Weather warm and dry. Very little rain. Frost on the 25th. No damage done. Corn not more than half a crop. Wheat half crop Oats medium. No barley. Buckwheat not harvested, but will be short. Grass good. Fruit a failure. Cattle in fine condition, but no market for them. Horses, good condition, prices low. Sheep, condition and prices good. Swine scarce. Poultry not doing well. No new enterprises being developed. The principal farming industries are raising cattle, sheep and horses. Nothing else can be made profitable without a railroad running through the county, which we have not.

REPORT OF A. W. WESTFALL—AUBURN, RITCHIE CO., W. VA.

For Month of August, 1890.

Weather changeable. Plenty of rain for vegetation. Corn about three-quarter crop. Wheat one half an average crop. Fruit almost an entire failure. Stock generally in good condition. Market good, especially sheep and poultry, no disease attacking them. No new enterprises being developed, but there are a number that could be profitably carried on in this county. Stock and grain raising are the principal farming industries. Everything except grains and fruits in fair condition.

REPORT OF J. W. CARTER—PLEASANT DALE, HAMPSHIRE CO., W. VA.

For the Month of August, 1890.

Temperature above the average. Mostly dry.

Corn promises about one-half crop. Buckwheat the same. Fruit a failure. Should frost be late buckwheat may make three-fourths crop. Wheat is being threshed and yields about as reported for last month. Condition of live stock good. Market for cattle flat. Large good horses bring good prices. Sheep high and scarce. Swine and poultry command good prices. No new enterprises being develeped.

REPORT OF W. A. MORGAN—SHEPHERDSTOWN, JEFFERSON CO., W. VA.

For Month of August, 1890.

Unusually wet, with frequent heavy washing rains. Much cold, cloudy weather. Corn growing finely and promising a heavy yield. Very little in the way of fruit of any description. Wheat on low ground inferior in quality and yield to that grown on high or rolling land. Live stock healthy and in good order, there be-

ing fine grass and pasture. Market fair to good. Stock, cattle and sheep in good demand at fair prices. Morgan Grove Agricultural and Mechanical Association growing rapidly in importance. The principal farming industries are wheat, corn, oats, potatoes and hay. Fruit marketing and dairying more profitable. Farmers much encouraged at the prospect of better prices. But fear the passage of the McKinley tariff bill.

REPORT OF R. A. ALEXANDER—CHARLESTOWN, JEFFERSON CO., W. VA.

For the Month of August, 1890.

Rather dry first of month, but have been having fine rains lately. Corn very fine. Wheat where it was not struck by hail is turning out very well and the quality is good. Live stock in fine condition and market good. The new enterprise is to boom Charlestown and Shenandoah Junctions. The principal farming industries are wheat, corn, cattle and sheep. Since the effort to boom this section, iron has been found in large quantities and good quality.

REPORT OF S. A. HOUSTON—PICKAWAY, MONROE CO., W. VA.

For Month of August, 1890.

Weathery very very,dry. Corn one-half crop. Oats one-third crop. Hay good. Pasture burnt up in many sections of the county. Rather seasonable in others. Very little fruit of any kind. Condition of live stock good up to this time. No disease among them. Market about as last year at this time. Our creamery has been established. Stock raising is the principal farming industry. All farmers have come to the conclusion that there will have to be a great change of some character before farming can be made to pay.

REPORT OF M. L. BRYTE—BRUCETON MILLS, PRESTON CO., W. VA.

For the Month of August, 1890.

Much rain during the month. Streams full; roads washed. Never knew a greater rainfall during August. Corn good generally, large acreage, best prospects for several years. Wheat not a full crop, but better than farmers thought it would be—yield better. Appearances indicate an enormous crop of buckwheat. Oats almost a failure. Grass good. Hay plenty. Condition of live stock very good generally, no diseases. Market for cattle medium; for sheep good. But few sheep unsold in the county. No new enterprises being developed, but the creamery at Terra Alta which is about completed. The principal farming industries are stock of all kinds. Wheat, corn, oats, grass and buckwheat profi-

tably raised. Creameries could be profitably introduced. The continued wet weather injured the wheat and oats. Wheat is yielding much better than farmers anticipated. Pasture excellent.

REPORT OF GEORGE T. EGBERT—RAVEN'S EYE, FAYETTE CO., W. VA.

For the Month of August, 1890.

Frequent showers of rain. Frost on 24th instant. Buckwheat promising. Corn fair. Fall pasture much improved by late rains. Fruit crop an entire failure. Condition of live stock good. No demand except for sheep, which are scarce and high. No new enterprises being developed. Stock raising is the principal farming industry.

REPORT OF ADAM FISHER—MOOREFIELD, HARDY CO., W. VA.

For the Month of August.

A little rain has fallen in the last two weeks. The corn crop will average twenty-five bushels per acre in the valleys, but on the hills will be very light. Oats less than half a crop. Wheat about one-third. Grass crop unprecedented. Live stock in good condition. Sheep in demand. Hogs unusually dull. Some inquiry for cattle. Some strangles among horses. No new enterprises being developed. The principal farming industries are grain and stock raising. Fruit an entire failure. Potatoes selling at 75 cents per bushel.

REPORT OF J. P. HALE—CHARLESTON, KANAWHA CO., W. VA.

For Month of August, 1890.

Usual summer temperature. More than average rain fall. Corn crop will be less than usual on account of late planting and too much wet weather for working. Wheat crop three-quarters crop. Oats about 90 per cent. Barley and buckwheat none raised. Grass above average. Fruit nearly a failure. Live stock condition very good. Average market. No new enterprise being developed. It is believed that Alfalfa or Mexican clover would do well here, but it has not been tried.

METEOROLOGICAL OBSERVATIONS FOR AUGUST, 1890.

West Virginia Agricultural Station, Morgantown, W. Va.

Date.	PRESSURE, Barometer and Thermometer.						Standard Thermometer.				Maximum and Minimum Thermometer.			Humidity. Hygrometer.				Clouds, Per centage of			Precipitation Rain & Snow			Direction of Wind.		
	7 a m	7 a m	2 p m	2 p m	9 p m	9 p m	7 m	2 p m	9 p m	av.	ma	mi.	R	7 a m	2 p m	9 p m	av.	7 a m	2 p m	9 p m	R.	S.	av	7 a m	2 p m	9 p m
1	28.581	80	28 485	88	28 577	88	79	90	80	83	90	73	17	78	89	79	82 1	50	50	100	1	.....	29	s w	s w	s w
2	28 674	79	28 581	88	28.597	88	75	88	83	82	90	76	14	79	.....	79	79	100	25	00	1	.....	02	s e	w	s
3	28 577	84	28 56[illegible]	89	28.[illegible]68	87	75	90	84	83	89	71	18	79	.....	71	75	00	60	25	.....	.....	.....	s	w	s w
4	28 615	80	28 490	90	28 553	88	76	99	81	82	92	73	19	79	.....	79	79	00	10	50	.....	.....	.....	s w	w	s w
5	28 573	80	28 578[illegible]	82	28.591	84	79	72	79	76	92	74	18	79	72	79	76	50	100	25	1	.....	.04	s	w	s w
6	28 701	76	28 752	85	28 824	85	79	64	79	74	81	71	10	84	78	73	78	100	50	25	.....	.....	.....	n w	n w	e
7	28 750	73	28.724	85	28 706	82	69	85	76	76	85	66	19	69	85	76	76	50	75	100	1	.....	.14	n w	n	s e
8	28.642	75	28 748	81	28 642	87	71	81	77	76	84	66	18	79	79	79	77	100	25	00	1	.....	1.26	n	n	s e
9	28 726	72	28.602	81	28 706	85	71	80	74	8[illegible]	82	67	15	79	.....	89	84	100	80	0	.....	.....	....	s	s w	s
10	28 536	79	28 5[illegible]8	83	28 624	76	74	80	69	74	81	69	12	79	63	79	73	100	50	25	....	.....	.....	n e	n w	s w
11	[illegible]8 706	64	28 748	74	28 624	76	52	73	66	63	78	55	23	76	73	66	71	80	50	00	.....	.....	.....	n w	n w	n w
12	28.812	58	28.714	79	28 748	76	55	75	68	66	74	53	21	76	70	78	74	00	10	00	.....	.....	.....	n	n	n
13	28 812	63	28.754	79	28.768	76	58	78	73	69.6	75	52	23	88	71	79	79.1	00	40	80	.....	.....	.....	n e	n w	n w
14	28 746	75	28 644	73	28 724	74	69	72	70	70 3	78	56	22	60	79	88	75 2	75	40	100	.....	.....	.....	s e	s w	e
15	28 744	71	28.716	78	28 838	79	68	72	79	73	70	66	4	88	71	63	74	100	50	00	1	.....	.03	n w	n w	s e
16	28 8 0	68	28 828	83	28.842	81	64	84	75	74	80	66	14	88	64	79	77	00	00	00	.....	.....	.....	s w	w	s w
17	28 854	77	28 828	81	28 842	80	64	81	75	74	80	66	14	88	64	89	80	5	50	80	1	.....	.47	s w	s w	s w
18	28.844	73	28.736	77	28 742	73	72	73	74	73	85	67	15	89	89	89	89	100	90	30	1	.....	.1	n	n	n w
19	28.804	74	8 7[illegible]6	78	28.742	77	72	73	74	73	75	67	8	88	79	88	85	5	70	100	1	.....	.10	n e	s w	s e
20	28.735	76	28 720	77	28 728	78	73	76	74	74	80	74	6	89	89	89	89	100	90	70	3	.....	.97	n	n w	n e
21	28 [illegible]52	76	28.532	76	28 60[illegible]	76	79	70	70	73	79	70	9	89	79	89	85.2	80	90	50	2	.....	63	s w	s w	s w
22	28.640	72	28 634	74	28.675	75	65	65	65	65	78	66	12	68	78	80	75	50	80	70	3	.....	.84	n	n w	n w
23	28 826	71	28.728	70	28 802	71	55	69	57	60	79	51	28	75	68	78	73	5	20	30	.....	.....	.....	n	n w	n
24	28 874	66	28.742	72	28 [illegible]7[illegible]	73	48	70	64	61	68	46	22	87	68	77	77	100	25	50	.....	.....	.....	n	n w	n e
25	28 642	67	28 626	69	28.648	68	59	70	68	65	69	57	12	88	88	88	88	60	80	10	.....	.....	.....	n	s w	s
26	28 616	75	28.508	76	28.446	75	67	77	73	72	78	58	20	89	89	89	81	60	20	100	2	.....	.67	s e	s w	s w
27	28 532	76	28 546	76	28.623	76	68	75	71	71.3	76	65	11	88	71	79	79.1	90	80	70	2	.....	.22	w	s w	s
28	28.732	70	28 636	77	28 628	76	63	76	79	69 6	76	60	16	88	71	89	82.2	00	75	10	.....	.....	.....	s w	w	s w
29	28 6 2	70	28 524	77	28 512	76	60	78	68	68.6	75	57	18	88	8[illegible]	79	82.6	00	25	40	1	.....	.17	w	s w	s w
30	28 628	65	28.548	78	28.728	75	64	75	66	67.3	78	61	17	88	63	88	79 2	100	80	20	1	.....	.01	s w	n	n
31	28 824	66	28 820	63	28.806	71	53	69	61	61	72	51	21	88	89	79	85.1	75	75	00	.....	.....	.....	n	n w	n
	28.964	72	28.656	79	28.688	78	67	76.8	72 3	72 1	92	46	46	82	76 2	80,8	79 6				23		5 93			